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FEE TRANSMITTAL for FY 2004				Complete if Known						
			┗▐	Application Number		er 1	10/623,062			
			L	Filing	Date		Jı	uly 18	, 2003	
Effective 10i01/2003. Patent fees are subject to annual revision.				First Named Inventor		ntor D	Derrick Chu Lin			
Applicant claims small entity status. See 37 CFR 1.27			\dashv	Examiner Name		D	David Malzahn			
Applicant clain			[Art Unit		2	2124			
TOTAL AMOUNT	OF PAYMENT (\$)	110.00	<u></u> _	Attorney Docket No. 4			lo. 42	42P3465XD		
METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)							
Check Cre	dit card Money Order	ther None	3. ADDITIONAL FEES							
Deposit Account	:		<u>Large</u> Fee	arge Entity Small Entity Fee						
Deposit Account 02-2	666		Code			(\$)		Fee I	Description	Fee Paid
Number			1051	130	2051		•		filing fee or oath	
Account	Deposit Account		1052	50	2052		Surcharg cover sh		provisional filling fee or	
Name The Director is autho	rized to: (check all that apply)		1053	130	1053		-		cification	
Charge fee(s) indic		overpayments		2,520	1812 2	•	_	-	est for ex parte reexamination	
Charge any additio	nal fee(s) or any underpayment	of fee(s)	1804	920*	1804		Requesti Examine		ication of SIR prior to	
- · ·	ated below, except for the fillin	ng fee	1805	1,840*	1805 1	,840*	Request		lication of SIR after	
to the above-identified deposit account.			1251	110	2251	55	Extensio	on for re	ply within first month	
FEE CALCULATION 1. BASIC FILING FEE		1252	420	2252	210	Extension	on for re	ply within second month	<u> </u>	
Large Entity Small E		: _	1253	950	2253	475	Extension	on for ne	ply within third month	
Fee Fee Fee F Code (\$) Code (Fee Description	Fee Paid	1254	1,480	2254	740	Extension	on for re	ply within fourth month	
	85 Utility filing fee	·	1255	2,010	2255	1,005	Extensio	on for re	ply within:fifth month	
1002 340 2002	70 Design filing fee		1401	330	2401	165	Notice of	f Appea		
1003 530 2003 2	65 Plant filing fee	-	1402	330	2402	165	Filing a t	brief in s	support of an appeal	
1004 770 2004 3	1004 770 2004 385 Reissue filing fee		1403	290	2403	145	Request	for oral	hearing :	
1005 160 2005	80 Provisional filing fee	<u> </u>		1.510					te a public use proceeding	
1	SUBTOTAL (1) (\$)		1452	110	2452				e - unavoidable	
2 EXTRACLAIM	FEES FOR UTILITY AN	ID REISSUE	1453		2453				e - unintentional	
2. 2	Fee fr	rom	1501 1502	1,330 480	2501 2502		-		(or reissue)	
Total Claims	Extra Claims belo		1502	640	2502		Design is Plant iss		<i>.</i>	
Independent Claims	-3** = X		1460	130	1460				Commissioner	
Multiple Dependent			1807	50	1807				under 37 CFR 1.17(q)	
Large Entity Small	Entity		1806	180	1806			-	formation Disclosure Stmt	
Fee Fee Fee Code (\$) Code	Fee Fee Description	Ī	8021	40	8021	40	Recordin	ig each	patent assignment per	
1202 18 220		20		ļ			propeπy	(iimes i	number of properties)	┝┈┈┩┃
1201 86 220		n excess of 3	1809	770	2809		Filing a s (37 CFR		ion after final rejection a))	
	3 145 Multiple dependent of		1810	770	2810				nal invention to be FR 1.129(b))	
1204 86 2204 43 ** Reissue independent claims over original patent		1801	770	2801			-	ntinued Examination (RCE)		
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		Other	fee (sp	ecify)	ERA	_	SCL AL		110.00	
I SUBTOTAL (2) ((5) : III			*Redu	ced by	Basic Fil	ing Fe	e Paid	S	UBTOTAL (3) (\$) 110.0	0
SUBMITTED BY (Complete (if applicable))										
Name (Print/Type)	Lawrence M. Menneme	oier			ion No.	51,0	103	T	Telephone 408 765-2194	
rearra (Francis)	Edwigited Mr. Mighthelite	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<i>ھ</i> لے	ttornev/	Agent)	51,0	,55			

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be included on this form. Provide credit card information and authorization on P10-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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6/12

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OCT 1 2 2004

Attorney's Docket No.: 42P3465XD

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Derrick Chu Lin, et al.

Application No. 10/623,062

Filed: July 18, 2003

For METHOD AND APPARATUS FOR PERFORMING PACKED SHIFT OPERATIONS

Examiner: David Malzahn

Art Unit: 2124

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office,

Fax No. (703)_872-9306

on 10-12-04 (

Lawrence Mennemeier

Mail Stop Amendment Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

TERMINAL DISCLAIMER UNDER 37 C.F.R. § 1.321(c)

The undersigned attorney/agent represents that the undersigned attorney/agent is the attorney/agent of record for the above-referenced patent application.

The assignee of the	e entire right, title, and inter	est in and to the above-referenced			
patent application is	Intel Corporation	("assignee"),			
a <u>Delaware</u>	corporation having a pl	ace of business at			
2200 Mission College Bly	vd., Santa Clara, CA 95052				
(Address)					

The te	rminal part of any patent g	ranted on the above-io	dentified application that
would extend	beyond the expiration of the	ne full statutory term o	of
<u>X</u>	United States Patent No.	6,631,389	, entitled
	APPARATUS FOR PER	FORMING PACKED	SHIFT OPERATIONS,
	and filed on Dec. 22, 200	0_, as presently shor	tened
	by any terminal disclaime	ег,	
is hereby disc	laimed, except as provided	below, and it is agree	d that any patent so granted
on the above-	dentified application shall	be enforceable only for	or and during such period
that the legal	itle to said patent shall be	the same as the legal t	itle to
<u> X</u>	United States Patent No.	6,631,389	•
this agreemen	t to run with any patent gra	nted on the above-ide	ntified application and to
be binding up	on the grantor, its successo	rs, or assigns.	
No disc	laimer is being made as to	any terminal part of a	ny patent granted on the
above-identifi	ed application prior to the	expiration of the full s	tatutory term of
<u>X</u>	United States Patent No.	6,631,389 ,	as presently
	shortened by any terminal	disclaimer,	•
in the event th	at it later expires for failur	e to pay a maintenance	e fee, is held
unenforceable	, is found invalid, is statuto	orily disclaimed in wh	ole or terminally
disclaimed un	der 37 C.F.R. § 1.321(a), h	as all claims canceled	by a reexamination
certificate, is r	eissued, or is otherwise ter	minated prior to expir	ration of its statutory term
as presently sh	nortened by any terminal di	sclaimer, except for th	ne separation of legal title
stated above.			
Author	rization is given to charge l	Deposit Account No. (02-2666 in the amount
of \$ 110.00	for	the fee under 37 C.F.F	R. § 1.20(d).

Please charge Deposit Account No. 02-2666 for any fee deficiency that may be due. A duplicate of this Terminal Disclaimer is enclosed for Deposit Account charging purposes.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 10-12-2004

Lawrence M. Mennemeier

Reg. No. 51,003

12400 Wilshire Boulevard Seventh Floor Los Angeles, California 90025 (408) 720-8598

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FEE TO ANGMITTA	1	Co			Com	mplete if Known		
FEE TRANSMITTA	\ L	Application Number			per 1	10/623,062		
for FY 2004		Filing Date			Ju	July 18, 2003		
Effective 10/01/2003. Patent fees are subject to annual revision	. 1	First Named Inventor		ntor D	Derrick Chu Lin			
		Examiner Name		D	David Malzahn			
Applicant claims small entity status. See 37 CFR 1.27		Art Unit			2:	2124		
TOTAL AMOUNT OF PAYMENT (\$) 110.00		Attorney Docket No.			No. 42	42P3465XD		
METHOD OF PAYMENT (check all that apply)	Ţ	FEE CALCULATION (continued)						
Check Credit card Money Other None	3. ADDITIONAL FEES							
Deposit Account:		Large Entity Small Entity						
Deposit Account 02-2666	Fee Code	Fee (\$)	Fee Code	Fee (\$)		Fee Description	Fee Paid	
Number	1051	130	2051		-	e - late filing fee or oath		
Deposit Account	1052	50	2052		Surcharge cover she	e - late provisional filing fee or et	\vdash	
Name The Director is authorized to: (check all that apply)	1053	130	1053		-	sh specification	 	
Charge fee(s) indicated below Credit any overpayments	1812 1804	2,520 920*	1812 : 1804	•	_	a request for ex parte reexamination g publication of SIR prior to		
Charge any additional fee(s) or any underpayment of fee(s)	1004	920	1	ı	Examiner	action	 	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805		Requestir Examiner	ng publication of SIR after action	<u> </u>	
FEE CALCULATION	1251	110	2251			for reply within first month		
1. BASIC FILING FEE	1252	420	2252			for reply within second month		
Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid	1253	950	2253			for reply within third month		
Code (\$) Code (\$)	1254	· 1	2254			for reply within fourth month for reply within fifth month		
1001 770 2001 385 Utility filing fee	1255 : 1401	330	2255 2401	· .				
1002 340 2002 170 Design filing fee 1003 530 2003 255 Plant filing fee	1402	330	2402		Notice of A Filing a bri	lef in support of an appeal		
1004 770 2004 385 Reissue filing fee	1403	290	2403		-	or oral hearing :		
1005 160 2005 80 Provisional filing fee		,510	1451	1,510 P	etition to	institute a public use proceeding		
SUBTOTAL (1) (\$)	1452	110	2452	55 P	etition to	revive - unavoldable		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1		2453			revive - unintentional		
Fee from Extra Claims below Fee Paid		480	2501 2502		Julity issue Design iss	e fee (or reissue)		
Total Claims X = X	1502 1503	640	2503		Plant issue	*		
Independent - 3** = X = X	1460	130	1460	130 F	Petitions to	o the Commissioner		
Multiple Dependent	1807	50	1807	50 F	Processing	g fee under 37 CFR 1.17(q)		
Large Entity Small Entity Fee Fee Fee Fee Description	1806	180	1806			n of Information Disclosure Stmt		
Code (\$)	8021	40	8021			each patent assignment per mes number of properties)		
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809		iling a sut 37 CFR 1.	bmission after final rejection		
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	-		dditional invention to be		
1204 86 2204 43 ** Reissue independent claims				e	xamined ((37 CFR 1.129(b)) or Continued Examination (RCE)	┈┈┤┃	
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20	1801 1802		2801 1802		•	or continued Examination (RCE)	 	
and over original patent		ı		D	f a design	application	10.00	
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**or number previously paid, if greater; For Reissues, see above	110000	ou by b	4010 F III	ng ree	. 014	SUBTOTAL (3) (\$) 110.00		
SUBMITTED BY	- D-	nietro#-	n Ma			(Complete (if applicable))		
Name (Print/Type) Lawrence M. Mennemeier		gistratio omey/Ag		51,00	3	Telephone 408 765-2194		
Signature Transform	ر 😤		····			Date 10-12-2004		

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Examiner: David Malzahn

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Attorney's Docket No.: 42P3465XD

<u>Patent</u>

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In Re Application of:

Derrick Chu Lin, et al.

Application No. 10/623,062

Filed: July 18, 2003

For METHOD AND APPARATUS FOR PERFORMING PACKED SHIFT **OPERATIONS**

Trademark Office, Fax No. (703)_872-9306

on 10-12-04 awtence Mennemeier Date

Art Unit: 2124

Mail Stop Amendment Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

TERMINAL DISCLAIMER UNDER 37 C.F.R. § 1.321(c)

The undersigned attorney/agent represents that the undersigned attorney/agent is the attorney/agent of record for the above-referenced patent application.

The assignee of the entire right, title, and interest in and to the above-referenced patent application is <u>Intel Corporation</u> ("assignee"), corporation having a place of business at 2200 Mission College Blvd., Santa Clara, CA 95052 (Address)

The terminal part of any patent granted on the above-identified application that					
would extend beyond the expiration of the full statutory term of					
X United States Patent No. 6,631,389 , entitled					
APPARATUS FOR PERFORMING PACKED SHIFT OPERATIONS,					
and filed on Dec. 22, 2000, as presently shortened					
by any terminal disclaimer,					
is hereby disclaimed, except as provided below, and it is agreed that any patent so granted					
on the above-identified application shall be enforceable only for and during such period					
that the legal title to said patent shall be the same as the legal title to					
X United States Patent No. 6,631,389					
this agreement to run with any patent granted on the above-identified application and to					
be binding upon the grantor, its successors, or assigns.					
No disclaimer is being made as to any terminal part of any patent granted on the					
above-identified application prior to the expiration of the full statutory term of					
X United States Patent No. 6,631,389, as presently					
shortened by any terminal disclaimer,					
in the event that it later expires for failure to pay a maintenance fee, is held					
unenforceable, is found invalid, is statutorily disclaimed in whole or terminally					
disclaimed under 37 C.F.R. § 1.321(a), has all claims canceled by a reexamination					
certificate, is reissued, or is otherwise terminated prior to expiration of its statutory term					
as presently shortened by any terminal disclaimer, except for the separation of legal title					
stated above.					
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Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 10-12-2004

Lawrence M. Mennemeier

Reg. No. 51,003

12400 Wilshire Boulevard Seventh Floor Los Angeles, California 90025 (408) 720-8598